

PATENT
Customer No. 22,852
Attorney Docket No. 1704.0022-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Divisional Application of:)
Arie L. GUTMAN et al.) Group Art Unit: Not Yet Assigned
Application No.: Not Yet Assigned) Examiner: Not Yet Assigned
Divisional of U.S. Appln. No. 09/700,035)
filed November 9, 2000)
Date: September 12, 2003)
For: PROCESS FOR PREPARATION OF)
4,5-EPOXYMORPHINAN-6-)
OXYGLUCURONIDES)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Because benefit of parent application Serial No. 09/700,035 is claimed under § 120, in accordance with Rule 98(d) copies of the references cited in the parent application are not attached. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

An English language abstract of the non-English language WIPO document appears on the first page of the document.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the claimed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

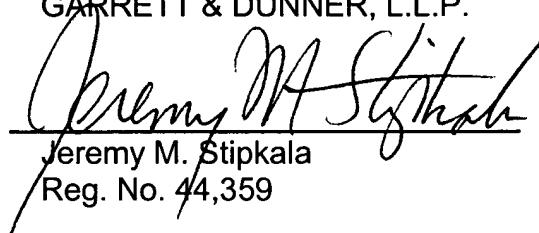
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: September 12, 2003

By:



Jeremy M. Stipkala
Reg. No. 44,359

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	1704.0022-01	Appln. No.	Not Yet Assigned
Applicant	Arie L. GUTMAN et al.		
Filing Date	September 12, 2003	Group No.:	Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	1	5,621,087	15 April 1997	Scheinmann et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	2	93/05057	18 March 1993	WIPO			Yes - Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	3	Bugge, A., et al., "Synthesis of Ethylmorphine-6-glucuronide: a Metabolite of Ethylmorphine in Man," <i>Acta Chem. Scand.</i> , 49 (5), pp. 380-384 (1995).
	4	Oguri, K., et al., "Synthesis and Analgesic Effect of Normorphine-3- and -6-glucuronides," <i>Chem. Pharm. Bull.</i> , 37 (4), pp. 955-957 (1989).
	5	Gurudutt, K., et al., "Synthesis of O- and S-glucosides using glucosyl halides and zinc salts," <i>Carbohydrate Research</i> 285 , pp. 159-165 (1996).
	6	March, J., "Advanced Organic Chemistry," 4 th Ed., pp. 260-263 (1992).
	7	Berrang, B., et al., "Synthesis of Morphine-3,6-di-β-D-glucuronide," <i>Synthesis</i> , pp. 1165-1168 (1997).
	8	Brown, R., et al., "A Simple Synthesis of Morphine-3,6-di-β-D-glucuronide," <i>Tetrahedron</i> 56 , pp. 7591-7594 (2000).
	9	Rukhman, I., et al. "Selective synthesis of both isomers of morphine 6-β-D-glucuronide and their analogs," <i>Tetrahedron</i> 57 , pp. 1083-1092 (2001).
	10	Frances, B., et al., "Further Evidence That Morphine-6β-Glucuronide is a More Potent Opioid Agonist Than Morphine," <i>The Journal of Pharmacology and Experimental Therapeutics</i> , 262 (1), pp. 25-31 (1992).
	11	Osborne, R., et al., "The analgesic activity of morphine-6-glucuronide," <i>Br. J. Clin. Pharmac.</i> , 34 , pp. 130-138 (1992).

Examiner	Date Considered
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.